

CONTROL TECHNICIAN-ELECTRIC

Rev. 7/93
Erie County
Comp.
P-060
JG IX
MJE/a

DISTINGUISHING FEATURES OF THE CLASS: The work involves performing skilled work on a journeyman level in the installation, checkout and repair of electric and electronic devices for temperature control of building systems and/or electric or electronic control systems for various types of equipment. This is skilled work that is performed under the supervision of higher ranking maintenance personnel. Supervision is exercised over a small number of skilled and semi-skilled assistants. Does related work as required.

TYPICAL WORK ACTIVITIES:

Performs skilled work in the installation, maintenance, checkout and repair of electric and electronic devices such as thermostats, damper operators, valve operators, electric-pneumatic switches, hi-limit and low limit controls, temperature and pressure sensors, relays, transmitters, thermistors, transducers, accumulators, detectors, computers, and wiring, conveyor systems, sterilizers, incinerators, cart wash, dishwasher, kitchen and laundry equipment;
Troubleshoots and repairs digital and analog electronic circuits;
Plans work; estimates materials and supplies required; reads and interprets specifications, blueprints and diagrams to determine work required; requests supplies and equipment;
Operates test equipment and hand or power tools; maintains tools, equipment and shop in good condition;
Operates and maintains computerized control systems.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the tools, test equipment, terminology, procedures, devices and equipment currently used in the maintenance and installation of buildings electric and electronic control systems; ability to install, maintain and repair buildings electric and electronic control devices and systems; ability to analyze and correct malfunctions in existing building systems rapidly and accurately; ability to read and interpret specifications, plans, blueprints, diagrams and charts; ability to get along well with others; mechanical aptitude and manual dexterity; ability to analyze and repair digital and analog circuitry and operate and maintain computerized control systems; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a high school equivalency diploma, and in addition either:

- A) Completion of two (2) years of study at a recognized community college or technical institute, majoring in electronic technology or a related field, supplemented by three (3) years experience in the installation and maintenance of large scale buildings electric and electronic control systems; or:

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MINIMUM QUALIFICATIONS: continued.....

- B) Five (5) years experience in the installation and maintenance of large scale buildings electric and electronic control systems; or:
- C) An equivalent combination of training and experience as defined by the limits of (A) and (B).

NOTE: Verifiable part-time and/or volunteer experience will be pro-rated toward meeting full-time experience requirements

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